

TOWN OF LOS ALTOS HILLS

26379 Fremont Road
Los Altos Hills, CA 94022
Phone: (650) 941-7222
www.losaltoshills.ca.gov



Use of Bench Marks

Approved by City Council – 5/21/97

Code Sections:

Section 10-2.1303 of the Site Development Ordinance lists the required elements that must be submitted with the application for a site development permit. Included in the list is a plot plan drawn by a civil engineer or a licensed land surveyor which includes the property lines and topography of the property. Section 9-1.603 of the Subdivision Ordinance lists the required elements that must be shown on a tentative map and again includes the property lines and topography of the property. The preparation of plans which show this information requires a survey of the property.

Intent:

The purpose of this policy is to determine when the use of the Town's bench marks will be required for surveys that are done to meet the requirements of both the Site Development and Subdivision Ordinances. Through discussions with the Town's surveyors, it was determined that 2500' is a reasonable distance at which to require a surveyor to use a Town bench mark. The policy will require all surveys done in the Town to be based on the Town's vertical datum if any portion of the project site is located within 2500' of a Town bench mark. Plans have been prepared which clearly show which properties will be required to use the bench marks. Properties located outside of the shaded area will have the option of using temporary bench marks. Staff will make this information available to several of the engineering and surveying companies which do work in the Town on a regular basis. The requirement will also be included in the initial packets of information that are handed out to property owners and their agents when they are first investigating the Town's requirements for projects. Individual sites may dictate a need to deviate from the criteria, to the extent permitted by the Planning Director and City Engineer.

Policy:

All surveys submitted to meet the application requirements for either a site development permit or a subdivision tentative map and improvement plans shall be based on an adopted Town Bench Mark if any portion of the subject property is located within 2500' of an adopted Town Bench Mark. Deviations from this policy are permitted at the discretion of the Planning Director or City Engineer if it is determined that the policy requirement is excessive in comparison to the scope of the proposed project.

**TOWN OF LOS ALTOS HILLS
BENCH MARK LIST
VERTICAL DATUM - NAVD 1988**

TOWN BENCHMARKS ARE 2" ALUMINUM DISCS STAMPED,
"TOWN OF LOS ALTOS HILLS BM", UNLESS OTHERWISE NOTED

H884 – ELEVATION 192.08 (NAVD 88)

(ELEVATION 183.70 (NGVD 29))

NATIONAL GEODETIC SURVEY BENCH MARK, LOCATED BY FOOTHILL EXPRESSWAY 0.15 MILE NORTHWEST OF MAGDALENA AVENUE, 54' SOUTHWEST OF THE CENTERLINE IN THE TOP OF THE NORTHWEST END OF THE SOUTHWEST HEADWALL OF A BOX CULVERT OVER HALE CREEK, 0.5' SOUTHEAST OF THE NORTHWEST END OF THE WALL, 0.6' SOUTHWEST OF THE NORTHWEST CYCLONE FENCE GATE POST AND ABOUT 6' LOWER THAN THE EXPRESSWAY.

1 – ELEVATION 233.72 (NAVD 88)

(ELEVATION 230.85 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE RETAINING WALL AT THE WESTERLY SIDE OF SUMMERHILL DR. AT COSTELLO DRIVE

2R - ELEVATION 217.26 (NAVD 88)

(ELEVATION 214.62 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE SOUTHWEST RETURN OF SUMMERHILL AND MAGDALENA SET DISC 3.925 IN TOP OF CURB CENTERLINE CATCH BASIN.

(NOTE: ORIGINAL BM NO. 2 WAS OBLITERATED, SO A NEW BM WAS SET.)

3 - ELEVATION 284.19 (NAVD 88)

(ELEVATION 281.39 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE WESTERLY SIDE OF THE INTERSECTION OF MAGDALENA AND EASTBROOK AVENUES ON THE NOSE OF THE TRAFFIC ISLAND AT THE END OF THE SOUTHBOUND OFF-RAMP FROM SR280, ADJACENT TO A STREET LIGHT.

4 - ELEVATION 331.09 (NAVD 88)

(ELEVATION 328.17 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE TOP OF THE BRIDGE HEADWALL AT THE WESTERLY SIDE OF EL MONTE AVENUE AT MOODY ROAD, CENTERED APPROXIMATELY OVER THE CREEK BED.

5 - ELEVATION 267.96 (NAVD 88)

(ELEVATION 265.09 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE SOUTHWESTERLY CORNER OF THE CONCRETE TRAFFIC ISLAND ON THE EASTERLY SIDE OF EL

MONTE AVENUE AT SUMMERHILL AVENUE.

(NOTE: ORIGINAL BM NO. 5 WAS LOST, SO A NEW DISK WAS SET IN THE SAME PLACE.)

6 - ELEVATION 353.07 (NAVD 88)

(ELEVATION 350.20 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE NORTHERLY END OF THE CURB RETURN ON THE NORTHERLY SIDE OF FRAMPTON COURT AT THE EASTERLY SIDE OF MAGDALENA AVENUE.

7 - ELEVATION 490.56 (NAVD 88)

(ELEVATION 487.56 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, AT THE EASTERLY WING OF THE STORM DRAINAGE STRUCTURE LOCATED WESTERLY OF MAGDALENA AVENUE SOUTHERLY OF STONEBROOK DRIVE.

8 - ELEVATION 571.02 (NAVD 88)

(ELEVATION 568.04 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE NORTHWESTERLY CORNER OF THE CONCRETE STORM DRAINAGE STRUCTURE THREE FEET FROM THE SOUTHERLY EDGE OF PAVING OF MAGDALENA AVENUE TWENTY FEET WESTERLY OF THE EDGE OF PAVING OF CAMINO HERMOSA.

9 - ELEVATION 466.78 (NAVD 88)

(ELEVATION 463.89 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON MURIETTA LANE 35' SOUTHERLY OF MOODY ROAD ON THE SOUTHWESTERLY BRIDGE ABUTMENT.

10 - ELEVATION 414.60 (NAVD 88)

(ELEVATION 412.08 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE CATCH BASIN AT THE NORTHERLY SIDE OF THE INTERSECTION OF OLD SNAKEY AND MOODY ROADS.

11 - ELEVATION 410.08(NAVD 88)

(ELEVATION 407.14 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE NORTHERLY END OF THE CONCRETE STORM DRAINAGE INLET AT THE SOUTHERLY SIDE OF THE INTERSECTION OF ELENA AND ROBLEDA ROADS.

12 - ELEVATION 193.07 (NAVD 88)

(ELEVATION 190.23 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE TOP OF A CONCRETE WALL AT THE SOUTHWESTERLY CORNER OF THE BRIDGE ON BURKE ROAD AT THE TOWN LIMITS NEAR FOOTHILL EXPRESSWAY.

13 - ELEVATION 244.89 (NAVD 88)

(ELEVATION 241.94 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE STORM DRAINAGE INLET ON THE NORTHERLY SIDE OF BENTLEY COURT AT BURKE ROAD.

14R - ELEVATION 484.16 (NAVD 88)

(ELEVATION 481.15 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE NORTHEAST CORNER OF ELENA ROAD AND LA BARRANCA ROAD. BM IS SIXTEEN FEET WEST OF A FIRE HYDRANT ON A LINE FROM THE FH AND STREET SIGN AND SEVENTEEN FEET NORTHERLY OF THE CENTERLINE OF LA BARRANCA. BM IS AN ALUMINUM DISK SET ON A 1" IRON PIPE SET IN CONCRETE.

15 - ELEVATION 307.67 (NAVD 88)

(ELEVATION 304.78 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE END OF A 10" CONCRETE HEADWALL AT A JUNCTION WITH AN 8" CONCRETE HEADWALL ON THE SOUTHERLY SIDE OF ROBLEDA ROAD AT THE WESTERLY SIDE OF THE DRIVEWAY AT 12870 ROBLEDA ROAD.

16 – ELEVATION 401.10 (NAVD 88)

(ELEVATION 398.05 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE SOUTHERLY END OF A STORM DRAINAGE INLET ON THE EASTERLY SIDE OF ELENA ROAD OPPOSITE VINEDO LANE.

17 - ELEVATION 280.09 (NAVD 88)

(ELEVATION 277.17 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE NORTHEASTERLY CORNER OF THE STORM DRAINAGE STRUCTURE AT THE SOUTHEASTERLY CORNER OF THE INTERSECTION OF ELENA AND PURISSIMA ROADS.

18 - ELEVATION 484.70 (NAVD 88)

(ELEVATION 481.77 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE NORTHERLY END OF THE STORM DRAINAGE STRUCTURE AT THE SOUTHEASTERLY CORNER OF THE INTERSECTION OF ELENA AND NATOMA ROADS.

19 - ELEVATION 310.51 (NAVD 88)

(ELEVATION 307.43 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE SOUTHERLY END OF THE CONCRETE HEADWALL AT THE NORTHEASTERLY CORNER OF THE INTERSECTION OF PURISSIMA AND VISCAINO ROADS.

20 - ELEVATION 180.60 (NAVD 88)

(ELEVATION 177.85 (NGVD 29))

1-1/2" BRASS DISC STAMPED, "TOWN OF LAH BM", LOCATED ON THE CONCRETE WALL AT THE WESTERLY SIDE OF THE EDITH AVENUE BRIDGE OVER ADOBE CREEK.

21 - ELEVATION 238.83 (NAVD 88)

(ELEVATION 235.52 (NGVD 29))

THE TOP OF THE IRON PIPE IN THE GRADE BOX MONUMENT IN CENTER OF FREMONT ROAD AT MIRANDA ROAD AND CAMPO VISTA LANE.

22 - ELEVATION 212.79 (NAVD 88)

(ELEVATION 209.98 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE CORNER OF A CATCH BASIN STRUCTURE 4 FEET SOUTHERLY OF THE SOUTHERLY EDGE OF PAVING OF FREMONT ROAD EAST OF FREMONT PINES LANE AND 12 FEET WESTERLY OF A FIRE HYDRANT.

23R – ELEVATION 207.70 (NAVD 88)

(ELEVATION 204.89 (NGVD 29))

REPLACES BM 23 WHICH WAS DESTROYED IN 1999. TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON A CONCRETE WING WALL 11 FEET SOUTHERLY OF THE EDGE OF PAVING OF FREMONT ROAD OPPOSITE DONELSON PLACE.

24 – ELEVATION 190.65 (NAVD 88)

(ELEVATION 187.84 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE CONCRETE STORM DRAIN HEADWALL ON THE WESTERLY SIDE OF FREMONT ROAD NORTHERLY OF SAINT FRANCIS ROAD.

25 – ELEVATION 409.85 (NAVD 88)

(ELEVATION 406.90 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE CATCH BASIN AT THE EASTERLY SIDE OF TEPA WAY AT SUMMIT WOOD ROAD.

26 – ELEVATION 566.33 (NAVD 88)

(ELEVATION 563.45 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE CATCH BASIN AT THE SOUTHEASTERLY CORNER OF LA LOMA DRIVE AND LA LOMA COURT.

27 – ELEVATION 489.98 (NAVD 88)

(ELEVATION 487.04 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE CATCH BASIN AT THE EASTERLY SIDE OF THE INTERSECTION OF PROSPECT AVENUE AND STONEBROOK DRIVE.

28 – ELEVATION 368.77 (NAVD 88)

(ELEVATION 365.89 (NGVD 29))

THE TOP OF THE ¾" IRON PIPE WITH SURVEYOR'S TAG IN THE GRADE BOX AT THE WEST SIDE OF STONEBROOK DRIVE AT STONEBROOK COURT.

29 – ELEVATION 329.11 (NAVD 88)

(ELEVATION 326.10 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, AT THE EAST END OF THE 10 FOOT CONCRETE HEADWALL LOCATED NEAR THE SOUTHWEST CORNER OF THE INTERSECTION OF EL MONTE AND STONEBROOK ROADS.

30 – ELEVATION 541.13 (NAVD 88)

(ELEVATION 538.16 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE CONCRETE STORM DRAIN STRUCTURE AT THE SOUTHEAST CORNER OF NATOMA AND BLACK MOUNTAIN ROADS.

31 – ELEVATION 574.04 (NAVD 88)

(ELEVATION 571.10 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE TOP OF CURB AT THE SOUTHWEST CORNER OF NATOMA ROAD AND LA VIDA REAL.

32 – ELEVATION 669.36 (NAVD 88)

(ELEVATION 666.45 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE CONCRETE STORM DRAIN STRUCTURE AT THE SOUTHWEST CORNER OF NATOMA AND ALTAMONT ROADS.

33 – ELEVATION 727.88 (NAVD 88)

(ELEVATION 725.00 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE CONCRETE STORM DRAIN STRUCTURE AT THE SOUTHEAST CORNER OF ALTAMONT ROAD AND TAAFFE ROAD/BYRNE PARK LANE.

34 – ELEVATION 672.43 (NAVD 88)

(ELEVATION 669.58 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED TOP OF CURB CATCH BASIN ON THE CONCRETE STORM DRAIN STRUCTURE 250.02'± EASTERLY OF THE DRIVEWAY OF #26385 ALTAMONT ROAD ON THE SOUTHERLY SIDE OF THE STREET.

35 – ELEVATION 425.37 (NAVD 88)

(ELEVATION 422.66* (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE CONCRETE STORM DRAIN STRUCTURE AT THE NORTHERLY SIDE OF ALTAMONT ROAD 60'± EASTERLY OF ALTAMONT COURT.

(* APPEARS TO HAVE BEEN WRITTEN WRONG ORIGINALLY – ACTUAL

ELEVATION IS 422.66, NOT 424.44)

36 – ELEVATION 223.51 (NAVD 88)

(ELEVATION 220.66 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE CONCRETE HEADWALL AT THE EASTERLY SIDE OF LA PALOMA ROAD NEAR ITS INTERSECTION WITH MAURER LANE, ACROSS FROM #13861 LA PALOMA ROAD.

37 – ELEVATION 296.12 (NAVD 88)

(ELEVATION 293.24 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE CONCRETE CURB AT THE DOWNHILL SIDE OF THE CATCH BASIN AT THE NORTHWESTERLY CORNER OF THE INTERSECTION OF LA PALOMA ROAD AND WESTWIND WAY.

38 – ELEVATION 210.05 (NAVD 88)

(ELEVATION 207.08 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON THE CONCRETE HEADWALL ON THE NORTHERLY SIDE OF QUAIL LANE AT ROBLEDA ROAD

39 – ELEVATION 194.02 (NAVD 88)

(ELEVATION 191.31 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON TOP OF THE CURB NORTHERLY SIDE OF THE STORM DRAIN INLET AT THE NORTHEASTERLY RETURN OF MANUELLA ROAD AND ESTACADA DRIVE.

40 – ELEVATION 108.43 (NAVD 88)

(ELEVATION 105.72 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON TOP OF THE CURB CENTER OF THE EASTERLY RETURN OF ARASTRADERO AND OLD TRACE ROAD.

41 – ELEVATION 200.60 (NAVD 88)

(ELEVATION 197.89 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON TOP OF THE CURB AT CENTERLINE TO THE CATCH BASIN ON THE SOUTHERLY SIDE OF LA CRESTA DRIVE APPROXIMATELY 77' EAST OF THE CENTERLINE ARASTRADERO.

42 – ELEVATION 207.77 (NAVD 88)

(ELEVATION 205.06 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON TOP OF THE CURB AT THE SOUTHEAST NOSE OF THE NORTHERLY TRAFFIC ISLAND AT THE WESTERLY EDGE OF PAGE MILL AT OLD PAGE MILL.

43 – ELEVATION 254.79 (NAVD 88)

(ELEVATION 252.08 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON TOP OF THE CURB CENTER OF THE NORTHERN RETURN AT PAGE MILL AND ARASTRADERO.

44 – ELEVATION 491.69 (NAVD 88)

(ELEVATION 488.98 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED AT THE END OF THE ROLLED CONCRETE GUTTER AT THE WESTERLY SIDE OF SADDLE MOUNTAIN APPROXIMATELY 83' NORTH OF TOWN PATH TO MOONLANE.

45 – ELEVATION 324.66 (NAVD 88)

(ELEVATION 321.95 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON TOP OF THE CURB AT THE CENTERLINE OF THE CATCH BASIN ON THE WESTERLY SIDE OF COUNTRY WAY AT THE THREE FORKS APPROXIMATELY 98' SOUTH OF THE CENTERLINE TO PAGEMILL.

46 – ELEVATION 448.40 (NAVD 88)

(ELEVATION 445.69 (NGVD 29))

TOWN OF LOS ALTOS HILLS BENCH MARK, LOCATED ON TOP OF THE CURB AT THE WESTERLY END OF THE STORM INLET ON THE NORTHERLY SIDE OF MATADERO CREEK LANE APPROXIMATELY 45' EAST OF THE CENTERLINE OF PAGEMILL ROAD.

47 – ELEVATION 758.17 (NAVD 88)

(ELEVATION 755.46 (NGVD 29))

BM IS LOCATED ON THE NORTH RIM OF A $\frac{3}{4}$ " IRON PIPE, OPEN, IN THE MONUMENT WELL AT THE INTERSECTION OF PAGEMILL ROAD AND ALTAMONT ROAD.

48 – ELEVATION 500.06 (NAVD 88)

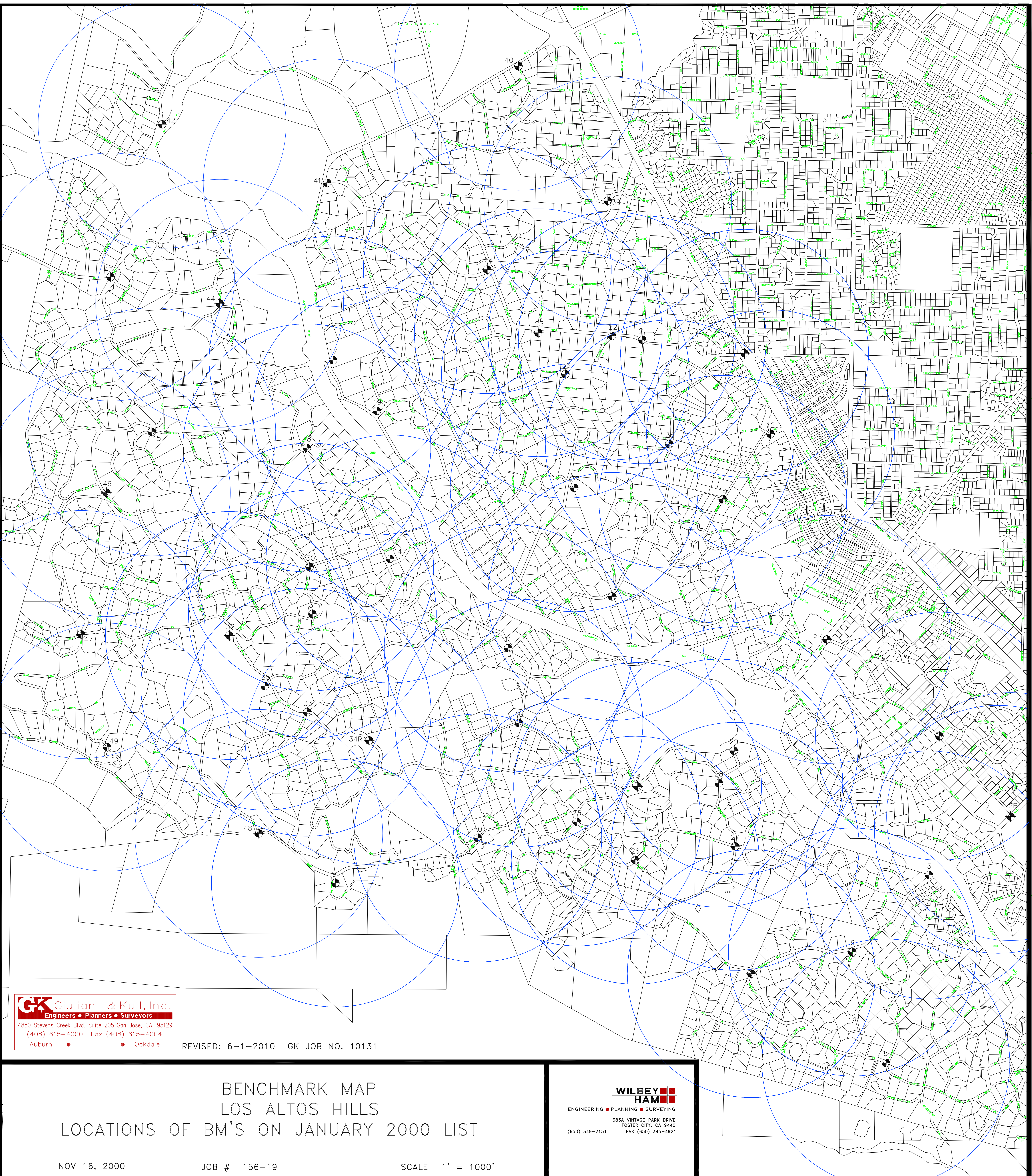
(ELEVATION 497.35 (NGVD 29))

BM IS LOCATED ON TOP OF THE IRON PIPE IN THE MONUMENT WELL AT MOODY ROAD, JUST EAST OF MOODY COURT.

49 – ELEVATION 770.12 (NAVD 88)

(ELEVATION 767.41 (NGVD 29))

BM IS LOCATED ON TOP OF $\frac{3}{4}$ " IRON PIPE IN THE MONUMENT WELL, IN MOODY ROAD, JUST WEST OF SHERLOCK ROAD.



GK Giuliani & Kull, Inc.
Engineers • Planners • Surveyors

4880 Stevens Creek Blvd. Suite 205 San Jose, CA. 95129
(408) 615-4000 Fax (408) 615-4004
Auburn • Oakdale

REVISED: 6-1-2010 GK JOB NO. 10131

BENCHMARK MAP LOS ALTOS HILLS LOCATIONS OF BM'S ON JANUARY 2000 LIST

NOV 16, 2000

JOB # 156-19

SCALE 1' = 1000'

WILSEY
HAM
ENGINEERING ■ PLANNING ■ SURVEYING
383A VINTAGE PARK DRIVE
FOSTER CITY, CA 9440
(650) 349-2151 FAX (650) 345-4921